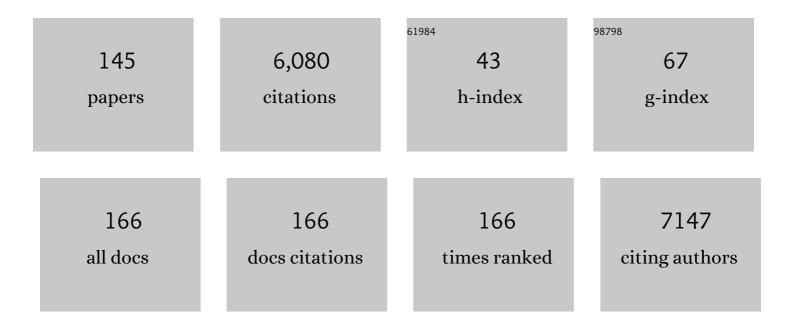
## Michael Hust

List of Publications by Year in descending order

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| #  | Article  | IF                | CITATIONS   |
|----|--|-------------------|-------------|
| 1  | Antibody display technologies: selecting the cream of the crop. Biological Chemistry, 2022, 403, 455-477.  | 2.5               | 71          |
| 2  | Quantification of polyreactive immunoglobulin G facilitates the diagnosis of autoimmune hepatitis.<br>Hepatology, 2022, 75, 13-27.   | 7.3               | 16          |
| 3  | Removing the major allergen Bra j l from brown mustard ( <i>Brassica juncea</i> ) by CRISPR/Cas9. Plant<br>Journal, 2022, 109, 649-663.  | 5.7               | 22          |
| 4  | MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination. Cellular and Molecular Immunology, 2022, 19, 234-244. | 10.5              | 8           |
| 5  | Immunity to SARS-CoV-2 up to 15Âmonths after infection. IScience, 2022, 25, 103743.  | 4.1               | 56          |
| 6  | Phage display-based discovery of cyclic peptides against the broad spectrum bacterial anti-virulence target CsrA. European Journal of Medicinal Chemistry, 2022, 231, 114148.                      | 5.5               | 3           |
| 7  | Phage Display-Derived Monoclonal Antibodies Against Internalins A and B Allow Specific Detection of Listeria monocytogenes. Frontiers in Public Health, 2022, 10, 712657.                          | 2.7               | 3           |
| 8  | Human serum from SARS-CoV-2-vaccinated and COVID-19 patients shows reduced binding to the RBD of SARS-CoV-2 Omicron variant. BMC Medicine, 2022, 20, 102.  | 5.5               | 67          |
| 9  | Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. Nature Communications, 2022, 13, 2670.                     | 12.8              | 108         |
| 10 | ORFeome Phage Display Reveals a Major Immunogenic Epitope on the S2 Subdomain of SARS-CoV-2 Spike<br>Protein. Viruses, 2022, 14, 1326.   | 3.3               | 4           |
| 11 | Chemiegeschichte: Vom Gen zum Produkt. Nachrichten Aus Der Chemie, 2022, 70, 24-26.  | 0.0               | 0           |
| 12 | Autoimmune encephalitis: novel therapeutic targets at the preclinical level. Expert Opinion on Therapeutic Targets, 2021, 25, 37-47.   | 3.4               | 17          |
| 13 | Persistence of SARS-CoV-2-specific B and TÂcell responses in convalescent COVID-19 patients 6–8Âmonths<br>after the infection. Med, 2021, 2, 281-295.e4.   | 4.4               | 153         |
| 14 | SARS-CoV-2 neutralizing human recombinant antibodies selected from pre-pandemic healthy donors binding at RBD-ACE2 interface. Nature Communications, 2021, 12, 1577.                               | 12.8              | 73          |
| 15 | Developing Recombinant Antibodies by Phage Display Against Infectious Diseases and Toxins for Diagnostics and Therapy. Frontiers in Cellular and Infection Microbiology, 2021, 11, 697876.         | 3.9               | 40          |
| 16 | A SARS-CoV-2 neutralizing antibody selected from COVID-19 patients binds to the ACE2-RBD interface and is tolerant to most known RBD mutations. Cell Reports, 2021, 36, 109433.                    | 6.4               | 75          |
| 17 | Novel phage display-derived recombinant antibodies recognizing both MPT64 native and mutant (63-bp) Tj ETQq  | 1 <u>1 0</u> .784 | 314 rgBT /0 |
| 18 | Catalytic ferromagnetic gold nanoparticle immunoassay for the detection and differentiation of<br>Mycobacterium tuberculosis and Mycobacterium bovis. Analytica Chimica Acta, 2021, 1184, 339037.  | 5.4               | 6           |

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|----|---|-----|-----------|
| 19 | Validation of the Production of Antibodies in Different Formats in the HEK 293 Transient Gene<br>Expression System. Methods in Molecular Biology, 2021, 2247, 59-76.  | 0.9 | 6         |
| 20 | Investigating Alternative Container Formats for Lyophilization of Biological Materials Using<br>Diphtheria Antitoxin Monoclonal Antibody as a Model Molecule. Pharmaceutics, 2021, 13, 1948.                    | 4.5 | 1         |
| 21 | Shelf-Life Extension of Fc-Fused Single Chain Fragment Variable Antibodies by Lyophilization. Frontiers in Cellular and Infection Microbiology, 2021, 11, 717689.   | 3.9 | 7         |
| 22 | Generation of recombinant antibodies against human tissue kallikrein 7 to treat skin diseases.<br>Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127626.   | 2.2 | 4         |
| 23 | Pyruvate dehydrogenase complex—enzyme 2, a new target for Listeria spp. detection identified using combined phage display technologies. Scientific Reports, 2020, 10, 15267.                                    | 3.3 | 11        |
| 24 | Baculovirus-free insect cell expression system for high yield antibody and antigen production.<br>Scientific Reports, 2020, 10, 21393.  | 3.3 | 30        |
| 25 | A One-Step Process for the Construction of Phage Display scFv and VHH Libraries. Molecular<br>Biotechnology, 2020, 62, 228-239.   | 2.4 | 19        |
| 26 | Human antibodies neutralizing diphtheria toxin in vitro and in vivo. Scientific Reports, 2020, 10, 571.   | 3.3 | 52        |
| 27 | Affinity-matured variants derived from nimotuzumab keep the original fine specificity and exhibit superior biological activity. Scientific Reports, 2020, 10, 1194.   | 3.3 | 6         |
| 28 | Antibody Phage Display: Antibody Selection in Solution Using Biotinylated Antigens. Methods in<br>Molecular Biology, 2020, 2070, 143-155.   | 0.9 | 10        |
| 29 | Restriction-Free Construction of a Phage-Presented Very Short Macrocyclic Peptide Library. Methods<br>in Molecular Biology, 2020, 2070, 95-113.   | 0.9 | 1         |
| 30 | Parallelized Microscale Expression of Soluble scFv. Methods in Molecular Biology, 2019, 2025, 203-211.  | 0.9 | 1         |
| 31 | Targeting Aspergillus fumigatus Crf Transglycosylases With Neutralizing Antibody Is Relevant but Not<br>Sufficient to Erase Fungal Burden in a Neutropenic Rat Model. Frontiers in Microbiology, 2019, 10, 600. | 3.5 | 19        |
| 32 | Rekombinante Antikörper. , 2019, , .  |     | 1         |
| 33 | Discovery of Leptospira spp. seroreactive peptides using ORFeome phage display. PLoS Neglected<br>Tropical Diseases, 2019, 13, e0007131.  | 3.0 | 12        |
| 34 | Regulatory T cells engineered with a novel insulin-specific chimeric antigen receptor as a candidate immunotherapy for type 1 diabetes. Journal of Autoimmunity, 2019, 103, 102289.                             | 6.5 | 115       |
| 35 | Transient plant production of Salmonella Typhimurium diagnostic antibodies. Biotechnology Reports<br>(Amsterdam, Netherlands), 2019, 21, e00314.  | 4.4 | 11        |
| 36 | Epitope Mapping via Phage Display from Single-Gene Libraries. Methods in Molecular Biology, 2019, 1904,<br>353-375.   | 0.9 | 9         |

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|----|--|-----|-----------|
| 37 | Human Anti-Lipopolysaccharid (LPS) antibodies against Legionella with high species specificity. Human<br>Antibodies, 2019, 26, 29-38.  | 1.5 | 10        |
| 38 | Trendbericht Biochemie 2017: Menschliche Antikörper für Medikamente. Nachrichten Aus Der Chemie,<br>2018, 66, 284-290.   | 0.0 | 1         |
| 39 | Sequence defined antibodies improve the detection of cadherin 2 (N-cadherin) during zebrafish<br>development. New Biotechnology, 2018, 45, 98-112.   | 4.4 | 12        |
| 40 | The invasin D protein from Yersinia pseudotuberculosis selectively binds the Fab region of host<br>antibodies and affects colonization of the intestine. Journal of Biological Chemistry, 2018, 293,<br>8672-8690. | 3.4 | 573       |
| 41 | Parallelized Antibody Selection in Microtiter Plates. Methods in Molecular Biology, 2018, 1701, 273-284.   | 0.9 | 39        |
| 42 | Construction of Macaque Immune-Libraries. Methods in Molecular Biology, 2018, 1701, 83-112.  | 0.9 | 3         |
| 43 | ORFeome Phage Display. Methods in Molecular Biology, 2018, 1701, 477-495.  | 0.9 | 8         |
| 44 | Epitope Mapping by Phage Display. Methods in Molecular Biology, 2018, 1701, 497-518.   | 0.9 | 18        |
| 45 | Construction of Human Immune and Naive scFv Libraries. Methods in Molecular Biology, 2018, 1701, 3-24.   | 0.9 | 12        |
| 46 | Antibody Affinity and Stability Maturation by Error-Prone PCR. Methods in Molecular Biology, 2018, 1701, 393-407.  | 0.9 | 6         |
| 47 | Development of Neutralizing and Non-neutralizing Antibodies Targeting Known and Novel Epitopes of<br>TcdB of Clostridioides difficile. Frontiers in Microbiology, 2018, 9, 2908.                                   | 3.5 | 18        |
| 48 | The Conserved Cys-2232 in Clostridioides difficile Toxin B Modulates Receptor Binding. Frontiers in Microbiology, 2018, 9, 2314.   | 3.5 | 20        |
| 49 | The Binary Toxin CDT of Clostridium difficile as a Tool for Intracellular Delivery of Bacterial<br>Glucosyltransferase Domains. Toxins, 2018, 10, 225.   | 3.4 | 20        |
| 50 | Human-Like Neutralizing Antibodies Protect Mice from Aerosol Exposure with Western Equine<br>Encephalitis Virus. Viruses, 2018, 10, 147.   | 3.3 | 22        |
| 51 | Post-Exposure Protection in Mice against Sudan Virus by a Two Antibody Cocktail. Viruses, 2018, 10,<br>286.  | 3.3 | 16        |
| 52 | Inhibition of HER3 activation and tumor growth with a human antibody binding to a conserved epitope formed by domain III and IV. MAbs, 2017, 9, 831-843.   | 5.2 | 19        |
| 53 | Generation and characterization of protective antibodies to Marburg virus. MAbs, 2017, 9, 696-703.   | 5.2 | 28        |
| 54 | Designing Human Antibodies by Phage Display. Transfusion Medicine and Hemotherapy, 2017, 44, 312-318.  | 1.6 | 78        |

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|----|---|-----|-----------|
| 55 | The European AntibotABE Framework Program and Its Update: Development of Innovative Botulinum<br>Antibodies. Toxins, 2017, 9, 309.  | 3.4 | 30        |
| 56 | Detection and Quantification of ADP-Ribosylated RhoA/B by Monoclonal Antibody. Toxins, 2016, 8, 100.  | 3.4 | 9         |
| 57 | Neutralization of Botulinum Neurotoxin Type E by a Humanized Antibody. Toxins, 2016, 8, 257.  | 3.4 | 12        |
| 58 | Recombinant antibodies for diagnostics and therapy against pathogens and toxins generated by phage display. Proteomics - Clinical Applications, 2016, 10, 922-948.  | 1.6 | 74        |
| 59 | Single Chain Antibodies as Tools to Study transforming growth factor-β-Regulated SMAD Proteins in<br>Proximity Ligation-Based Pharmacological Screens. Molecular and Cellular Proteomics, 2016, 15,<br>1848-1856. | 3.8 | 10        |
| 60 | A transplant "immunome―screening platform defines a targetable epitope fingerprint of multiple<br>myeloma. Blood, 2016, 127, 3202-3214.   | 1.4 | 7         |
| 61 | Phage display-derived human antibodies in clinical development and therapy. MAbs, 2016, 8, 1177-1194.   | 5.2 | 263       |
| 62 | Mining gut microbiome oligopeptides by functional metaproteome display. Scientific Reports, 2016, 6, 34337.   | 3.3 | 19        |
| 63 | Selection of Recombinant Human Antibodies. Advances in Experimental Medicine and Biology, 2016, 917, 23-54.   | 1.6 | 8         |
| 64 | Generation of Recombinant Antibodies Against Toxins and Viruses by Phage Display for Diagnostics and<br>Therapy. Advances in Experimental Medicine and Biology, 2016, 917, 55-76.                                 | 1.6 | 17        |
| 65 | Utilisation of antibody microarrays for the selection of specific and informative antibodies from recombinant library binders of unknown quality. New Biotechnology, 2016, 33, 574-581.                           | 4.4 | 10        |
| 66 | Identification of Novel Immunogenic Proteins of Neisseria gonorrhoeae by Phage Display. PLoS ONE,<br>2016, 11, e0148986.  | 2.5 | 19        |
| 67 | Fructose 1,6-Bisphosphate Aldolase, a Novel Immunogenic Surface Protein on Listeria Species. PLoS<br>ONE, 2016, 11, e0160544.   | 2.5 | 24        |
| 68 | Development of Germline-Humanized Antibodies Neutralizing Botulinum Neurotoxin A and B. PLoS<br>ONE, 2016, 11, e0161446.  | 2.5 | 21        |
| 69 | Bacterial flagellar capping proteins adopt diverse oligomeric states. ELife, 2016, 5, .   | 6.0 | 46        |
| 70 | Isolation of nanomolar scFvs of non-human primate origin, cross-neutralizing botulinum<br>neurotoxins A1 and A2 by targeting their heavy chain. BMC Biotechnology, 2015, 15, 86.                                  | 3.3 | 9         |
| 71 | Development of Human-Like scFv-Fc Neutralizing Botulinum Neurotoxin E. PLoS ONE, 2015, 10, e0139905.  | 2.5 | 21        |
|    |   |     |           |

72 Selection of Recombinant Human Antibodies. , 2015, , 23-54.

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|----|---|-----|-----------|
| 73 | Generation of Recombinant Antibodies Against Toxins and Viruses by Phage Display for Diagnostics and Therapy. , 2015, , 55-76.  |     | 1         |
| 74 | Linear Discriminant Analysis Identifies Mitochondrially Localized Proteins in <i>Neurospora crassa</i> . Journal of Proteome Research, 2015, 14, 3900-3911.   | 3.7 | 6         |
| 75 | Generation and analysis of the improved human HAL9/10 antibody phage display libraries. BMC<br>Biotechnology, 2015, 15, 10.   | 3.3 | 115       |
| 76 | Application of M13 phage display for identifying immunogenic proteins from tick (Ixodes scapularis)<br>saliva. BMC Biotechnology, 2015, 15, 43.   | 3.3 | 23        |
| 77 | Development of human-like scFv-Fc antibodies neutralizing Botulinum toxin serotype B. MAbs, 2015, 7,<br>1161-1177.  | 5.2 | 25        |
| 78 | Structural differences of amyloid-β fibrils revealed by antibodies from phage display. BMC<br>Biotechnology, 2015, 15, 57.  | 3.3 | 12        |
| 79 | Functional Characterization of Two scFv-Fc Antibodies from an HIV Controller Selected on Soluble<br>HIV-1 Env Complexes: A Neutralizing V3- and a Trimer-Specific gp41 Antibody. PLoS ONE, 2014, 9, e97478. | 2.5 | 33        |
| 80 | Delivery of antibodies to the cytosol. MAbs, 2014, 6, 943-956.  | 5.2 | 67        |
| 81 | The influence of antibody fragment format on phage display based affinity maturation of IgG. MAbs, 2014, 6, 204-218.  | 5.2 | 84        |
| 82 | Development of neutralizing scFv-Fc against botulinum neurotoxin A light chain from a macaque<br>immune library. MAbs, 2014, 6, 446-459.  | 5.2 | 42        |
| 83 | Human-like antibodies neutralizing Western equine encephalitis virus. MAbs, 2014, 6, 717-726.   | 5.2 | 27        |
| 84 | Selection of Recombinant Antibodies from Antibody Gene Libraries. Methods in Molecular Biology,<br>2014, 1101, 305-320.   | 0.9 | 13        |
| 85 | Cellâ€free eukaryotic systems for the production, engineering, and modification of scFv antibody fragments. Engineering in Life Sciences, 2014, 14, 387-398.  | 3.6 | 41        |
| 86 | Construction of Human Antibody Gene Libraries and Selection of Antibodies by Phage Display. Methods<br>in Molecular Biology, 2014, 1060, 215-243.   | 0.9 | 45        |
| 87 | Novel human recombinant antibodies against Mycobacterium tuberculosis antigen 85B. BMC<br>Biotechnology, 2014, 14, 68.  | 3.3 | 20        |
| 88 | High level transient production of recombinant antibodies and antibody fusion proteins in HEK293 cells. BMC Biotechnology, 2013, 13, 52.  | 3.3 | 172       |
| 89 | Encapsulation of proteins in hydrogel carrier systems for controlled drug delivery: Influence of network structure and drug size on release rate. Journal of Biotechnology, 2013, 163, 243-249.             | 3.8 | 106       |
| 90 | Production of single chain fragment variable (scFv) antibodies in Escherichia coli using the LEXâ"¢<br>bioreactor. Journal of Biotechnology, 2013, 163, 105-111.  | 3.8 | 23        |

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|-----|---|-----|-----------|
| 91  | Identification of a new epitope for HIVâ€neutralizing antibodies in the gp41 membrane proximal external region by an Envâ€tailored phage display library. European Journal of Immunology, 2013, 43, 499-509.      | 2.9 | 16        |
| 92  | Oligopeptide M13 Phage Display in Pathogen Research. Viruses, 2013, 5, 2531-2545.   | 3.3 | 33        |
| 93  | Expression of Recombinant Antibodies. Frontiers in Immunology, 2013, 4, 217.  | 4.8 | 249       |
| 94  | Recombinant antibody fragments allow repeated measurements of C-reactive protein with a quartz crystal microbalance immunosensor. MAbs, 2013, 5, 140-149.   | 5.2 | 8         |
| 95  | Identification of immunogenic proteins and generation of antibodies against SalmonellaTyphimurium using phage display. BMC Biotechnology, 2012, 12, 29.   | 3.3 | 31        |
| 96  | Construction of Human Naive Antibody Gene Libraries. Methods in Molecular Biology, 2012, 907, 85-107.   | 0.9 | 20        |
| 97  | Isolation and Characterisation of a Human-Like Antibody Fragment (scFv) That Inactivates VEEV In Vitro<br>and In Vivo. PLoS ONE, 2012, 7, e37242.   | 2.5 | 41        |
| 98  | Generating Recombinant Antibodies for Research, Diagnostics and Therapy Using Phage Display.<br>Current Biotechnology, 2012, 1, 33-41.  | 0.4 | 18        |
| 99  | Human antibodies targeting CD30+ lymphomas. Human Antibodies, 2012, 21, 13-28.  | 1.5 | 10        |
| 100 | Suppression of p75 Neurotrophin Receptor Surface Expression with Intrabodies Influences Bcl-xL mRNA Expression and Neurite Outgrowth in PC12 Cells. PLoS ONE, 2012, 7, e30684.                                    | 2.5 | 25        |
| 101 | Development of Human and Macaque Antibodies Using Antibody Phage Display for the Detection of Equine Encephalitis Viruses. , 2011, , .  |     | Ο         |
| 102 | Phage Display for the Generation of Antibodies for Proteome Research, Diagnostics and Therapy.<br>Molecules, 2011, 16, 412-426.   | 3.8 | 96        |
| 103 | Isolation of scFv fragments specific to OmpD of Salmonella Typhimurium. Veterinary Microbiology, 2011, 147, 162-169.  | 1.9 | 28        |
| 104 | Antibody production in <i>Bacillus megaterium</i> : Strategies and physiological implications of scaling from microtiter plates to industrial bioreactors. Biotechnology Journal, 2011, 6, 1516-1531.             | 3.5 | 20        |
| 105 | Influence of the hydromechanical stress and temperature on growth and antibody fragment production with Bacillus megaterium. Applied Microbiology and Biotechnology, 2011, 91, 81-90.                             | 3.6 | 14        |
| 106 | Isolation of a nanomolar scFv inhibiting the endopeptidase activity of botulinum toxin A, by<br>single-round panning of an immune phage-displayed library of macaque origin. BMC Biotechnology,<br>2011, 11, 113. | 3.3 | 22        |
| 107 | Efficient production of soluble recombinant single chain Fv fragments by a Pseudomonas putida strain KT2440 cell factory. Microbial Cell Factories, 2011, 10, 11.   | 4.0 | 45        |
| 108 | A human scFv antibody generation pipeline for proteome research. Journal of Biotechnology, 2011, 152,<br>159-170.   | 3.8 | 127       |

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|-----|---|------|-----------|
| 109 | Rise and Fall of an Anti-MUC1 Specific Antibody. PLoS ONE, 2011, 6, e15921.   | 2.5  | 73        |
| 110 | Oligomeric forms of single chain immunoglobulin (sclgG). MAbs, 2010, 2, 73-76.  | 5.2  | 15        |
| 111 | Towards proteome scale antibody selections using phage display. New Biotechnology, 2010, 27, 118-128.   | 4.4  | 53        |
| 112 | Generating recombinant antibodies to the complete human proteome. Trends in Biotechnology, 2010, 28, 333-339.   | 9.3  | 98        |
| 113 | Phage display-based identification and potential diagnostic application of novel antigens from<br>Mycoplasma mycoides subsp. mycoides small colony type. Veterinary Microbiology, 2010, 142, 285-292. | 1.9  | 22        |
| 114 | Minimum information about a protein affinity reagent (MIAPAR). Nature Biotechnology, 2010, 28, 650-653.   | 17.5 | 50        |
| 115 | Human Antibody Gene Libraries. , 2010, , 65-84.   |      | 5         |
| 116 | Immune Libraries from Nonhuman Primates (NHP). , 2010, , 99-114.  |      | 0         |
| 117 | Improving Phage Display Throughput by Using Hyperphage, Miniaturized Titration and pVIII (g8p) ELISA. ,<br>2010, , 197-206.   |      | 2         |
| 118 | Construction of Human Antibody Gene Libraries and Selection of Antibodies by Phage Display. Methods<br>in Molecular Biology, 2010, 651, 177-209.  | 0.9  | 51        |
| 119 | Phage Display and Selection in Microtitre Plates. , 2010, , 139-149.  |      | 1         |
| 120 | Affinity Maturation by Phage Display. Methods in Molecular Biology, 2009, 525, 309-322.   | 0.9  | 46        |
| 121 | Functional knockdown of VCAM-1 at the posttranslational level with ER retained antibodies. Journal of Immunological Methods, 2009, 341, 30-40.  | 1.4  | 22        |
| 122 | Isolation of a human-like antibody fragment (scFv) that neutralizes ricin biological activity. BMC<br>Biotechnology, 2009, 9, 60.   | 3.3  | 82        |
| 123 | Improved microtitre plate production of single chain Fv fragments in Escherichia coli. New<br>Biotechnology, 2009, 25, 424-428.   | 4.4  | 43        |
| 124 | Obtention and Engineering of Non-Human Primate (NHP) Antibodies for Therapeutics. Mini-Reviews in<br>Medicinal Chemistry, 2009, 9, 1633-1638.   | 2.4  | 23        |
| 125 | Antibody Production by the Gram-Positive Bacterium Bacillus megaterium. Methods in Molecular<br>Biology, 2009, 525, 509-516.  | 0.9  | 5         |
| 126 | Identification of a Putative Crf Splice Variant and Generation of Recombinant Antibodies for the Specific Detection of Aspergillus fumigatus. PLoS ONE, 2009, 4, e6625.                               | 2.5  | 63        |

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|-----|--|-----|-----------|
| 127 | SRP and Sec pathway leader peptides for antibody phage display and antibody fragment production in E. coli. New Biotechnology, 2008, 25, 49-54.  | 4.4 | 53        |
| 128 | Identification of immunogenic polypeptides from a Mycoplasma hyopneumoniae genome library by phage display. Applied Microbiology and Biotechnology, 2008, 80, 447-58.  | 3.6 | 33        |
| 129 | Development of human antibody fragments using antibody phage display for the detection and diagnosis of Venezuelan equine encephalitis virus (VEEV). BMC Biotechnology, 2008, 8, 66.   | 3.3 | 73        |
| 130 | Production systems for recombinant antibodies. Frontiers in Bioscience - Landmark, 2008, Volume, 4576.   | 3.0 | 75        |
| 131 | Phage Display Derived Therapeutic Antibodies. Current Pharmaceutical Biotechnology, 2008, 9, 439-446.  | 1.6 | 84        |
| 132 | High-Affinity, Human Antibody-Like Antibody Fragment (Single-Chain Variable Fragment) Neutralizing<br>the Lethal Factor (LF) of Bacillus anthracis by Inhibiting Protective Antigen-LF Complex Formation.<br>Antimicrobial Agents and Chemotherapy, 2007, 51, 2758-2764. | 3.2 | 105       |
| 133 | On the influence of vector design on antibody phage display. Journal of Biotechnology, 2007, 127, 626-637.   | 3.8 | 90        |
| 134 | Selection of Recombinant Antibodies From Antibody Gene Libraries. Methods in Molecular Biology, 2007, 408, 243-255.  | 0.9 | 30        |
| 135 | Production of recombinant antibody fragments in Bacillus megaterium. Microbial Cell Factories, 2007, 6, 2.   | 4.0 | 44        |
| 136 | Production of single chain Fab (scFab) fragments in Bacillus megaterium. Microbial Cell Factories, 2007, 6, 38.  | 4.0 | 26        |
| 137 | Single chain Fab (scFab) fragment. BMC Biotechnology, 2007, 7, 14.   | 3.3 | 113       |
| 138 | Enrichment of open reading frames presented on bacteriophage M13 using Hyperphage. BioTechniques, 2006, 41, 335-342.   | 1.8 | 45        |
| 139 | Parameters affecting the display of antibodies on phage. Journal of Immunological Methods, 2005, 301, 173-185.   | 1.4 | 54        |
| 140 | Perspectives for systematic in vitro antibody generation. Gene, 2005, 364, 19-29.  | 2.2 | 71        |
| 141 | Phage Display Vectors for the In Vitro Generation of Human Antibody Fragments. , 2005, 295, 71-96.   |     | 38        |
| 142 | Mating antibody phage display with proteomics. Trends in Biotechnology, 2004, 22, 8-14.  | 9.3 | 134       |
| 143 | A methodological approach to investigate steady state fucoxanthin chlorophyll a/c binding protein mRNA levels in Wadden Sea sediments. International Microbiology, 2003, 6, 33-39.   | 2.4 | 4         |
| 144 | The production of a genus-specific recombinant antibody (scFv) using a recombinant potyvirus protease. Journal of Virological Methods, 2002, 106, 225-233.   | 2.1 | 57        |

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|-----|--|-----|-----------|
| 145 | An immunochemical in situ approach to detect adaptation processes in the photosynthetic apparatus of diatoms of the Wadden Sea sediment surface layers. Journal of Microbiological Methods, 1999, 38, 69-80. | 1.6 | 5         |